DECLASSIFIED AV CHIGHNALING AGENCY

650 -101-17 4433 (STEPINED

IN THE UNITED STATES PATE	28 1000
The Commissioner of Patents and Trademar Washington, D. C. 20231	LICENSING 220
reproduced	Class Subclass & REVIEW
Herewith is/application of:	Date: <u>September 28, 1982</u>
Applicant: Martin S. GATE	Docket No. <u>Case 20-1966D</u>
For: MISSILES AND CONTROL SYSTEMS THE	REFOR
including:	
[X] 16 pages of Specification, (including pages of claims);
l_ numbered claim(s); and	
sheet(s) of drawing: []	
[] Attached is an assignment to	
	2.2
[X] Priority is hereby claimed under on prior foreign application(s)	r Rule 55 and 35 U.S.C. 119 based
respectively.	
a. [] Certified copy (copies) attached.
b. [] Certified copy (copies) already filed on
in U.S. Application, Serial	No, filed
	d under MPEP 506 and 605.04.
[] Preliminary amendment:	The second secon
THE FOLLOWING FILING FEE IS BASED ON CL	
	AIMS AS FILED less ANY ABOVE CANCELLED
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607	Basic Fee = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL	Basic Fee = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 = Independent Claims 1 - 1 =	Basic Fee = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00 x \$ 2.00 = x \$ 10.00 = 65.00 ILING FEE ENCLOSED = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 = Independent Claims 1 - 1 = TOTAL F Recording fee for enclosed assignment	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 ILING FEE ENCLOSED = \$ 65.00
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 = Independent Claims 1 - 1 = TOTAL F Recording fee for enclosed assignment	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 ILING FEE ENCLOSED = \$ 65.00
The Following Filing FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 TLING FEE ENCLOSED = \$ 65.00 TOTAL FEE ENCLOSED \$ 65.00 to charge any additional fees which may to this application and the resulting trpayment, to Account No. 03-3975. A
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 = Independent Claims 1 - 1 = TOTAL F Recording fee for enclosed assignment— The Commissioner is hereby authorized be required now or hereafter relative Official document, or credit any ove duplicate copyograbatissishes is attached DOWNGRADE THIS DOCUMENT TO DECLASSIFIED UPON 60/10	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 TLING FEE ENCLOSED = \$ 65.00 TOTAL FEE ENCLOSED \$ 65.00 to charge any additional fees which may to this application and the resulting trpayment, to Account No. 03-3975. A
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 TLING FEE ENCLOSED = \$ 65.00 TOTAL FEE ENCLOSED \$ 65.00 To this application and the resulting repayment, to Account No. 03-3975. A control of the co
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 TLING FEE ENCLOSED = \$ 65.00 TOTAL FEE ENCLOSED \$ 65.00 To this application and the resulting repayment, to Account No. 03-3975. A constant of the constan
THE FOLLOWING FILING FEE IS BASED ON CL Per MPEP \$506 and 607 Total Effective Claims 1 - 10 =	Basic Fee = \$ 65.00 x \$ 2.00 = x \$10.00 = 65.00 TLING FEE ENCLOSED = \$ 65.00 TOTAL FEE ENCLOSED \$ 65.00 To this application and the resulting repayment, to Account No. 03-3975. A 65.00 CK CUSHMAN, DARBY & CUSHMAN



The Patent Office, 25, Southampton Buildings LONDON, WC2A 1AY

25 August 1982

PATENTS ACT 1977

GROUP 220

PATENTS ACT 1977 LICENSING & REVIEW CONDITIONAL PERMIT FOR FILING A PATENT APPLICATION OUTSIDE THE UNITED KINGDOM

> 8129316 Application No.

Filed 29 September 1981

On. 7 October 1981 directions were given under Section 22(1) prohibiting publication of information contained in the above-numbered application for defence reasons. These directions are still in force, but the applicant (s) is/are hereby authorised to apply in... United States of America for grant of a patent in respect of matter contained in the application, subject to the conditions set forth below: -

- The application has been classified by a defence authority of the United Kingdom as.... Secret and the receiving Government shall be requested to place the corresponding application in secrecy and accord it at least the equivalent security classification.
- The corresponding application shall be abandoned if this action becomes necessary to ensure secrecy.
- (3) All correspondence relating to the corresponding application shall be transmitted solely through officially recognised adequately secure communication channels. All

persons in the receiving country required to deal with the patent application there shall have been authorized to have access to such security classified information and be able to provide adequate physical security.

(4) The applicant (s) shall make available to the receiving Government for defence purposes a copy of the application filed in that country.

This permit applies only to matter disclosed in the United Kingdom application, and it does not authorise the making of an application under the European Patent Convention or the Patent Cooperation Treaty.

A H W Kennard

for the Comptroller

SEP 48 48 3 3 0

Cushman, Darby & Cushman

ATTORNEYS AT LAW

EIGHTH FLOOR, 1801 K STREET, N. W. WASHINGTON, D. C. 20006

TELEPHONE (202) 861-3000

September 28, 1982

To:

Patent Security

Group 220

GROUP 220 LICENSING & REVIEW COUNSEL JOHN W. MALLEY

> ARLON V. CUSHMAN (1892-1950) JOHN J. DARBY (1920-1950) WILLIAM M. CUSHMAN (1925-1964) C. WILLARD HAYES (1927-1978)

CABLE CUSHMAN WASHINGTON, D. C.

> TELEX NO. & REPLY 892371 CUSHMAN WSH 248453 CUSH

TELEFACSIMILE BY GP. 3 RAPIFAX (202) 638-4203 GP. 2 DEX (202) 822-0944

RECEIVED WRITER'S DIRECT DIAL NO.

(202) 861-

JAMES T. HOSMER BRYAN H. DAVIDSON GLENN J. PERRY RICHARD L. KIRKPATRICK KENDREW H. COLTON

GEORGE M. SIRILLA

DONALD J. BIRD

LARRY S. NIXON

WILLIAM T. BULLINGER

JAMES R. LONGACRE ARTHUR R. CRAWFORD

W. WARREN TALTAVULL MICHAEL L. KELLER

CHARLES R. DONOHOE

ROBERT A. VANDERHYE WATSON T. SCOTT SUSAN T. BROWN

SHERMAN O. PARRETT

PETER W. GOWDEY

DALE S. LAZAR

ROBERT W. ADAMS MICHAEL A. LECHTER

Hon. Commissioner of Patents & Trademarks Washington, D.C. 20231

GROUP 220 LICENSING & REVIEW

Sir:

PAUL N. KOKULIS

DAVID E.VARNER LLOYD J. STREET

ALVIN GUTTAG

CARL G LOVE

ALLEN KIRKPATRICK

GEORGE T. MOBILLE JAMES L. DOOLEY

RAYMOND E LIPPITT G. LLOYD KNIGHT

LAWRENCE A. HYMO

WILLIAM K. WEST, JR.

EDWARD M. PRINCE

DONALD B. DEAVER

DAVID W. BRINKMAN

AKIN T. DAVIS EDGAR H. MARTIN

KEVIN E. JOYCE

We are filing herewith at the instructions of British Aerospace Public Limited Company, Weybridge, England, an application for United States Letters Patent in the name of Martin S. GATE, executed in England on September 20, 1982, relating to MISSILES AND CONTROL SYSTEMS THEREFOR, this application corresponding to a British application which has been maintained in a SECRET status by the British Government and prohibition thereof has been prohibited under Section 18 of the British Patents Act 1949.

Permission to file this application in the United States has been effectively granted only on condition that precautions be taken to prevent unauthorized disclosure of the invention, and British Aerospace Public Limited Company has been instructed to request that the application be made SECRET in the United States See the herewith British Comptroller's Permit to Patent Office. file this application in the United States. It is believed that disclosure of this invention would be detrimental to the public safety or defense of the United States, and it is respectfully requested that the Patent Security Group 220 issue a secrecy order pursuant to Article III of the United States/United Kingdom Agreement of January 19, 1953, on Interchange of Patent Rights and Technical Information (T.I.A.S. 2773).

> Respectfully submitted, CUSHMAN, DARBY & CUSHMAN

> > Lloyd Knight

Reg. No. 17,698

Min. of Defence (D/INVU/2/1/1320) cc:

ASPAB

Br. Aerospace

FORM PO-236 (8-31-61)



443300

U.S. DEPARTMENT OF COMMERCE PATENT OFFICE

RECEIPT FOR APPLICATION PAPERS DEPOSITED WITH PATENT SECURITY DIVISION

TITLE		2 2 - 19 66 D
	·	
NAME OF INVENTOR(S)	RESIDENCE(S)	CITIZENSHIP
& ATE		
2.		
3.		
PHOTOPRINTE NO	OF MARINES	
	IGN FILING COUNTRY	
NAME AND ADDRESS OF ATTORNEY	F,164	+ 605.4
	(Reprod	entire appel.
remarks out	· F)	led. "
oath heck to	65.	RECEIVED
to	MK	SEP 2 8 1982 GROUP 220 LICENSING & REVIEW
APPLICATION PAGEOGRAPHICA NA PAGEOGRAPHICA		/ ICENsus
SIGNATURE SIGNATURE		DATE

· 244 AUZZ/ 443300

COBM PD-236

DECLASSIFIED PROFIGERATING AGENCY

Washington, D.C. 20231

RECEIPT FOR APPLICATION PAPERS DEPOSITED WITH PATENT SECURITY DIVISION

MASSILES AND CONTROL SYSTEMS THEREFOR RESIDENCES: MARTIN S. GATE Hatfield, England RECEIVED SEP 28 1000 MARTIN S. GATE PRECEIVED MARTIN SECURITY TO DECLASSIFICATION: SECRET CLASSIFICATION: SECRET SECRE	TLE		
Martin S. GATE . Hatfield, England . British		SYSTEMS THEREFOR	Case 20-1966D
PRESERVED SEP 28 1000 UCENSING 220 UCENSING 220 PREVIOUS PREVIOUS PREVIOUS SEPT 29/81 FOREIGN FILING Sept 29/81 United Kingdom No. 812806/VED ALAND ADDRESS OF ATTORNEY Akin T. Lavis, Esq. Cushman, Darby & Cushman 1 Received Sept 29/81 United Kingdom No. 812806/VED LICENSING 200 LICENSING	NAME OF INVENTORIS)	RESIDENCE(S)	CITIZENSHIP .
CLASSIFICATION: SECRET CLASSIFIED DOCUMENT (S) filed herewith: CLASSIFIED DOCUMENT (S) filed herewith: Date Document (S) Filed: September 28, 1982 LUCENSING & RECEIVED IN PATENT SECURITY DIVISION LUCENSING & RECEIVED IN PATENT SECURITY DIV	· Martin S. GATE	. Hatfield, England	British .
CLASSIFICATION: SECRET CLASSIFIED DOCUMENT(S) filed herewith: CLASSIFIED DOCUMENT(S) filed herewith: CLASSIFIED DOCUMENT(S) filed herewith: Date Document(s) Filed: September 28, 1982 LICENSING 20 LICENSING AGENCY LICENSING 20 LICE			•
Akin T. Lavis, Esq. Cushman, Darby & Cushman 1801 K Street, N.W. Washington, D.C. 20006 CLASSIFICATION: CLASSIFIED DOCUMENT TO DECLASSIFIED UPON REMOVAL OF ENCLOSURES CUNCLASSIFIED DOCUMENT TO DECLASSIFIED DOCUMENT CLASSIFIED DOCUMENT CLASSIFIED DOCUMENT TO DECLASSIFIED DOCUMENT TO DECLASSIFIED UPON REMOVAL OF ENCLOSURES CLASSIFIED DOCUMENT CLASSIFIED DOCUMENT CLASSIFIED DOCUMENT TO DECLASSIFIED DOCUMENT TIPE DOCUMENT Date Document(s) Filed: September 28, 1982 LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION DATE			U.A.D
AKIN T. Lavis, Esq. Cushman, Darby & Cushman No. 1			LICENSING & PENEW
Informal Sept. 29/81 United Kingdom No. 812/20/6/FD Akin T. Lavis, Esq. Cushman, Darby & Cushman And Licensing 220 Washington, D.C. 20006 - MSU Washington, D.C. 20006 - MSU Of Informal drawings CLASSIFICATION: SECRET Serial No. CLASSIFIED DOCUMENT(S) filed herewith: 16-Page Application and 2 Sheet of informal drawings TO DECLASSIFIED UPON REMOVAL OF ENCIOSURES CLASSIFIED WASHING AGENCY UNCLASSIFIED DOCUMENT(S) Tiled herewith: Permit Date Document(s) Filed: September 28, 1982 LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION PATE	PHILIUPHONIS AS PER PAIRS 1988	DRAWINGS .	
Akin T. Lavis, Esq. Cushman, Darby & Cushman 1801 K Street, N.W. Washington, D.C. 20006 - MSUN CLASSIFICATION: SECRET Serial No. CLASSIFICATION: SECRET Serial No. CLASSIFIED DOCUMENT(S) filed herewith: 16-Page Application and 2 Sheet of informal drawings DOWNGRADE THIS DOCUMENT TO DECLASSIFIED UPON REMOVAL OF ENCLOSURES CLASSIFIED TOTAL MINE AGENCY UNCLASSIFIED DOCUMENT(S) Tiled herewith: Permit Date Document(s) Filed: September 28, 1982	1 PRAWINGS DE	REIGN FILING COUNTRY AND NO. Sept. 29/81 United Kingdom	NO. 8128EGEVED
CLASSIFICATION: SECRET Serial No. CLASSIFIED DOCUMENT(S) filed herewith: 16-Page Application and 2 Sheet of informal drawings DOWNGRADE THIS DOCUMENT TO DECLASSIFIED UPON REMOVAL OF ENCLOSURES ECLASSIFIED BY UNGLASSIFIED DOCUMENT(S) Tiled herewith: Permit Date Document(s) Filed: September 28, 1982 PLICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION PATE	Akin T. Lavis, Esc Cushman, Darby & 1801 K Street, N	Cushman and R. W. MPEP	LICENSING & REVIEWS
CLASSIFIED DOCUMENT(S) filed herewith: 16-Page Application and 2 Sheet of informal drawings DOWNGRADE THIS DOCUMENT TO DECLASSIFIED UPON REMOVAL OF ENCLOSURES ECLASSIFIED BY UNGLASHING AGENCY UNCLASSIFIED DOCUMENT(S) liled herewith: Permit Date Document(s) Filed: September 28, 1982 LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION PATE	IARKS	+605.4	Top fle
REMOVAL OF ENCLOSURES ECLASSIFIED BY UNCLASSIFIED BY UNCLASSIFIED DOCUMENT(S) Tiled herewith: Permit Date Document(s) Filed: September 28, 1982 LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION PATER DATE	DOWNGRADE THIS DOCUMENT) filed herewith: 16-Page of info	Application and 2 Sheets
Date Document(s) Filed: September 28, 1982 LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION TATURE PATE	REMOVAL OF ENCLOSURES	DE LA LA CENCY	check 65.
LICATION PAPERS RECEIVED IN PATENT SECURITY DIVISION PATE		(S) filed herewith: Perm	it prevolet
DATE			
177 183 9178183	RATURE	elle O	9/28/83